See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 16-R-0003 CUSTOMER NO.

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

include Zip Code)

WESLEYAN UNIVERSITY

OFFICE OF ACADEMIC AFFAIRS

OFFICE OF ACADEMIC AFFAIR MIDDLETOWN, CT 06459 (203) 685-2010

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA.

See Attached Listing REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of C. Number of D. Number of animals upon E. Number of animals upon which teaching animals being animals upon which experiments experiments, research, surgery or tests were TOTAL NO. conducted involving accompanying pain or distress Animals Covered bred, which teaching, teaching, research. conditioned, or to the animals and for which the use of appropriate OF ANIMALS By The Animal research, surgery, or tests were Welfare Regulations held for use in experiments, or conducted involving anesthetic, analgesic, or tranquilizing drugs would teaching, testing, tests were accompanying pain or have adversely affected the procedures, results, or (Cols. C+ interpretation of the teaching, research, experiments, conducted distress to the animals D + E) research, or involving no and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these vet used for such use of paintranquilizing drugs were animals and the reasons such drugs were not used purposes. relieving drugs. must be attached to this report) 4. Dogs COVERED ANIMALS USED 5. Cats 6. Guinea Pigs 7. Hamsters 8. Rabbits 40 9. Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals ASSURANCE STATEMENTS

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites)

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

(Chief Executive Officer or Legally Responsible Institutional official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

0 - 1 - 01

- HEADQUARTERS

APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

16-R-0003

Customer Number:

49

Facility:

WESLEYAN UNIVERSITY

OFFICE OF ACADEMIC AFFAIRS

MIDDLETOWN, CT 06459

(203) 685-2010

WESLEYAN UNIVERSITY

SHANKALKAB. HALL-ATWATER & SHANKLIN LABS, JUDD HALL

MIDDLETOWN, CT 06459

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

CAF

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. CUSTOMER NO. 16-R-0004 50

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)
 JOHN B. PIERCE LABORATORY, INC.

JOHN B. PIERCE LABORATORY, INC 290 CONGRESS AVENUE NEW HAVEN, CT 06519 (203) 562-9901

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing

The John B. Pierce Laboratory

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	52	6	0	52
7. Hamsters	0	0	362	0	362
8. Rabbits	0	0	0	0	0
9. Non-Human Primates	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals	0	0	0	0	0

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS	RESEARCH FACILITY OFFICIAL	
(Chief Executive Officer or Legally Re	esponsible Institutional official)	

DATE SIGNED
11/26/01

s report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information Interagency Report Control No

UNITED STATES DEPARTMENT OF AGRICULTURE

1. REGISTRATION NO.

0180-DOA-AN

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

16-R-0007

CUSTOMER NO. 51

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code) HARTFORD HOSPITAL

80 SEYMOUR STREET P.O. BOX 5037 HARTFORD, CT 06102

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites) ANIMAL RESEARCH FACILITY HARTFORD, CT 06102

Α.	B. Number of	C. Number of	D. Number of animals upon	ssary or use APHIS FORM 7023A) E. Number of animals upon which teaching,	F.
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs			12		12
5. Cats					
6. Guinea Pigs					
7. Hamsters		<u> </u>			
8. Rabbits	10		114		114
9. Non-Human Primates					
10. Sheep					
11. Pigs	6	:	176		176
12. Other Farm Animals					
13. Other Animals					
•					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL re Officer or Legally Responsible Institutional official) re above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	11/12/2001

APHIS Form 7023 Corrections Required Information

APHIS review of your APHIS Form 7023 submissions have shown that the following corrections are required.

Registration Number:

16-R-0007

APHIS Form 7023 not Signed

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE	1. REGISTRATION NO.,	FORM APPROVED OMB NO. 0579-0036
•	2. HEADO 16-R-0007. Cust ld 51 include	, red with IJSDA
ANNUAL REPORT OF RESEARCH FACILITY	HARTFORD HOSPITAL	
(TYPE OR PRINT)	80 SEYMOUR STREET	
(1112)	P-0. BCX 5037	
	LACTECODO OF ACADA	
REPORTING FACILITY (List all locations where animals were housed or used in Aci	HARTFORD, CT 06102 quel research, Insting, leaching, or experimentation, or	hold for these purposes. Affect additional
shorts if necessary.)		hold for these purposes. Affech additions
	tuel research, insting, leaching, or experimentation, or	hold for these purposes. Affech additional
sherts it recossery.) FACILITY	tuel research, insting, leaching, or experimentation, or	hold for these purposes. Affech additional
shorts it receasery.) FACILITY nimal Research Facility	tuel research, testing, leaching, or experimentation, or LOCATIONS (Siles)	

	B. Number of	C Number of	D Number of enimals upon	cessery or use APMIS FORM 7023A) E. Number of animals upon which teaching,	F.
Animals Covered By The Animal Weifarn Regulations	enimals being bred, conditioned, or held for use in teaching, lealing, experiments, research, or surgery but not yet used for such purposes.	annuate upon which teaching, research, experiments, or tests were conducted involving na pain, distress, or pain, distress, or use of pain-reseving drugs,	which experiments, teaching, research, surgety, or tests were conducted involving accumpanying pain or distress to the animals and for which appropriate anosthetic, analgesic, of tranguilizing drugs were used.	caperiments, research, surgery of tests were conducted involving accompanying pain or distress to the nationals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NO OF ANIMA (Cols. C D + E
. Dogs	0	0	15	0	15
5. Cats					
3. Guinea Pigs					
7. Hamsters					<u> </u>
B. Rabbits					
. Non-human Primates					
10. Sheep					
11. Pias					
12. Other Farm Animals					
13. Other Animals					
	1	<u> </u>			

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of mimels, including appropriate use of anosthetic, analysis, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report, in addition to identifying the IACUC-approved exceptions, this aummary includes a third explanation of the exceptions, as well as the species and number of animals affected,
- 4) The attending veterinaries for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive O	HEADQUARTERS RESEARCH FACILITY OFFICIAL officer or Legally Responsible Institutional Official) above is true, correct, and Complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF CEO OR INSTITUTIONAL OFFICIAL (Type of Brief)	DATE SIGNED
On File		12/27/01
APHIS FORM 7023 (Register VS FORM 18-22 (DCT 84)		

(AUG 91)

(Replaces VS FORM 18-23 (OCT 88), which is obsolete)

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 16-R-0010 CUSTOMER NO. 467

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

ALEXION PHARMACEUTICALS, INC. 352 KNOTTER DRIVE CHESHIRE, CT 06410

	(203) 272-2596
REPORTING FACILITY (List all locations where animals were housed or used in adsheets if necessary.)	ctual research, testing, teaching, or experimentation, or held for these purposes. Attach additional
FA	CILITY LOCATIONS(sites)
See Attached Listing	
University of Connecticut	

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs	49	34	0	0	_83_
12. Other Farm Animals					
13. Other Animals					
					1.000
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

			CILITY OFFI	

ATE SIGNED

11/27/01

QUARTERS

(AUG 91)

APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

16-R-0010

Customer Number:

467

Facility:

ALEXION PHARMACEUTICALS, INC.

352 KNOTTER DRIVE CHESHIRE, CT 06410

(203) 272-2596

ALEXION PHARMACEUTICALS 352 KNOTTER DRIVE CHESHIRE, CT 06410

UNIVERSITY OF CONNECTICUT 3636 HORSEBARD ROAD EXT STORRS, CT 06269

COLUMBUS FARMING CORPORATION P.O. BOX 1160 SHERBURNE, NY 13460

See reverse side for additional information

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 16-R-0011

CUSTOMER NO. 43

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

DEC 37 371

include Zip Code) UNIVERSITY OF HARTFORD 200 BLOOMFIELD AVENUE

WEST HARTFORD, CT 06117 (860) 768-4544

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA.

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Att

(b)(6), (b)(7)c

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- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)				
SIC		12/18/01		

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RT 1 - HEADQUARTERS

(AUG 91)

See reverse side for additional information Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 16-R-0012

CUSTOMER NO. 470

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

BAYER CORPORATION 400 MORGAN LN WEST HAVEN, CT 06516 (203) 937-2827

<u> </u>	REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional
٥.	· · · · · · · · · · · · · · · · · · ·
	sheets if necessary.)
_	FACILITY LOCATIONS(sites)

See Attached Listing					
REPORT OF ANIMALS USED B	Y OR UNDER CONTROL (F RESEARCH FACILITY	f (Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
A. Animais Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cois. C + D • E)
4. Dogs		27	3		30

Welfare Regulations	held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	(Cois. C + D • E)
4. Dogs		27	3		30
5. Cats	0				0
6. Guinea Pigs	0				0
7. Hamsters	0				0
8. Rabbits		246			246
9. Non-Human Primates	0				0
10. Sheep	0				0
11. Pigs	0				0
12. Other Farm Animals	0				0
13. Other Animals	0				0
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a bnef explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION	BY HEADQUARTE	RS RESEARCH E	ACILITY OFFICIAL
	Officer or Legally		

I certify that the above is true correct, and complete (7.11.5.C. Section 2143)

DATE SIGNED IAL (Type or Print)

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. CUSTOMER NO. 16-R-0015

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

12-10-2001 RCVD

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA) include Zip Code)

812

TRINITY COLLEGE TRINITY COLLEGE 300 SUMMIT STREET HARTFORD, CT 06106

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional	
sheets if necessary.)	

FACILITY LOCATIONS(sites)

See Attached Listing

Chemistry

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs		10			10
7. Hamsters		*****			,
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
•					

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

(Chief Executive Officer or Legally Responsible Institutional official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

DATE SIGNED

12/3/0

ANIMAL CARE FACILITY

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 16-R-0017 CUSTOMER NO. 39

2. HEADQUARTERS RESEARCH FACILITY Name and Address, as registered with USDA.

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

ABORATORY

include Zip Code)

CONNECTICUT COLLEGE
270 MOHEGAN AVENUE
NEW LONDON CT 06320

NEW LONDON, CT 06320 (203) 439-2339

REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)
 FACILITY LOCATIONS(sites)

BILL HALL 201	NEWLONDI	on Hacc			
NEW LONDON					
REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which leaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					٥
5. Cats					0
6. Guinea Pigs					0
7. Hamsters					0
8. Rabbits					೦
9. Non-Human Primates					0
10. Sheep					0
11. Pigs					0
12. Other Farm Animals					0
13. Other Animals					0
		WE USE	PATS ON	LY.	
		No Cove	PATS ON	iEs.	
·.					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional official)
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

NAME & TITLE OF CE O OR INSTITUTIONAL OFFICIAL (Tuno or Brief)

DATE SIGNED

EADQUARTERS

ASSURANCE STATEMENTS

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 16-R-0025

CUSTOMER NO.

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT) 14-2001 IN

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA. include Zip Code)

UNIVERSITY OF CONNECTICUT HEALTH CENTER 263 FARMINGTON AVENUE FARMINGTON, CT 06032 (203) 679-2731

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing

University of Connecticut Health Center

263 Farmington Avenue

Farmington, CT

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	7	0	16	0	16
6. Guinea Pigs	32	0	246	0	246
7. Hamsters	55	0	128	0	128
8. Rabbits	30	0	141	0	141
9. Non-Human Primates	0	0	3	0	3
10. Sheep	0	0	0	0	0
11. Pigs	0	0	10	0	10
12. Other Farm Animals					
13. Other Animals					
.•					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional official)
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

rint)

DATE SIGNED

PART 1 - HEADQUARTERS

See reverse side for additional information

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 16-R-0026 CUSTOMER NO.

FORM APPROVED OMB NO: 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA Include Zip Code)

QUINNIPIAC COLLEGE CANVERSATY MT. CARMEL AVENUE P.O. BOX 125

HAMDEN, CT 06518 (203) 288-5251 (できょ) ごさと・ごとい

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing		
1/ .	\bigcirc	/
VIVARIUM-	Dudulun	CENTE, Z

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	0	2_	2		4
5. Cats	0	7	0		4
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	0	2	4		6
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
:					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, teating, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

aspects of animal care and use.		•
	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)	
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(AUG 91)

HEADQUARTERS

See reverse side for additional information.

interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE REGISTRATION NO. CUSTOMER NO 16-R-0028

FORM APPROVED OMB NO. 0579-0036

381

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA. include Zip Code)

35

U.S. SURGICAL CORPORATION 150 GLOVER AVENUE NORWALK, CT 06856 (203) 866-5050

sheets if necessary.)			FACILITY LOCATIONS(sites)		
See Attached Listing					
REPORT OF ANIMALS USED BY	8. Number of	OF RESEARCH FACILITY C. Number of	D. Number of animals upon	essary or use APHIS FORM 7023A) E. Number of animals upon which teaching,	F.
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the leaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs			222		222
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep			3		3
11. Pigs			156		156
12. Other Farm Animals					
13. Other Animals		1			

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.

Total

ASSURANCE STATEMENTS

(AUG 91)

- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

aspects of affilial care and use.			
	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)		
SIGN		or Print)	DATE SIGNED
ADHIS		PART 1	- HEADQUARTERS

APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

16-R-0028

Customer Number:

35

Facility:

U.S. SURGICAL CORPORATION

150 GLOVER AVENUE NORWALK, CT 06856

(203) 866-5050

US SURGICAL CORPORATION 195 MCDERMOTT ROAD NORTH HAVEN, CT 06473

US SURGICAL CORP 150 GLOVER AVE Norwalk, CT 06856

See reverse side for additional information

Interagency Recort Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 16-R-0031

CUSTOMER NO. 56

FORM APPROVED OMB NO. 3579-0036

PART 1 - HEADQUARTERS

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT) -2001 RCVD

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA. include Zip Code)

SEA RESEARCH FOUNDATION, INC. 55 COOGAN BOULEVARD MYSTIC, CT 06355 (860) 572-5955

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if neces	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would nave adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cois. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
)	
13. Other Animals — MA	RINE M	AMMALS			
N. fur seals	0	il	0	0	11
Steller sea lions	0	5	0	0	5
Harbor Seals	0	5	0	0	_ 5
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

 The attending vete aspects of animal 	ennarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the care and use.	adequacy of officer	
	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL		
	(Chief Executive Officer or Legally Responsible Institutional official)		
		Print)	DATE SIGNED
			10/22/01

See Attached Listing

See reverse side for additional information Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 16-R-0031

CUSTOMER NO. 56

FORM APPROVED OMB NO. 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code) SEA RESEARCH FOUNDATION, INC.

55 COOGAN BOULEVARD MYSTIC, CT 06355 (860) 572-5955

REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if neces	ssary or use this form.)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic.analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
Calif. Sea lions Beluga whales Bottlenose dolph	0	3	0	0	3
Beluga whales	0	3	0	0	3
Bottlenose dolph	in O	2	0	O	2
•					
ASSLIDANCE STATEMENTS				<u> </u>	

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Replaces to Form 10-20 (oct oo), which is observe

use.		
CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)		
	,	DATE SIGNED
		10/22/01

ART 1 - HEADQUARTERS

APHIS Form 7023 Site List

The following sites have been reported by the facility.

56

Registration Number:

16-R-0031

Customer Number:

Facility:

SEA RESEARCH FOUNDATION, INC.

55 COOGAN BOULEVARD

MYSTIC, CT 06355 (860) 572-5955

MYSTIC MARINE LIFE AQUARIUM 55 COOGAN BLVD. MYSTIC, CT 06355

SEA RESEARCH FOUNDATION 55 COOGAN BLVD. MYSTIC, CT 06355

See reverse side for additional information

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO.

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

CUSTOMER NO 16-R-0039 61

FORM APPROVED OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA.

C T AGRICULTURE EXPERIMENT STATION, THE 123 HUNTINGTON STREET

BOX 1106 NEW HAVEN, CT 06504

(203) 974-8485

3. REPORTING FACILITY (List all locations where animals were noused or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sneets if necessary.)

FACILITY LOCATIONS(sites) See Attached Listing 123 Huntington St. Slate & Britton Bldg., New Haven, CT Lockwood Farm, Kenwood Ave., Hamden, CT

A.	8. Number of	C. Number of	D. Number of animals upon	E. Number of animals upon which teaching,	F.
Animals Covered By The Animal Weifare Regulations	animals being bred. conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs		2			2
7. Hamsters					
8. Rabbits		2			2
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals	<u>'</u>				
13. Other Animals					
White-footed Mice			125		125
White-tailed Deer			56		56
·.					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)	
:	Type or Print)	DATE SIGNED
<u> </u>		11-19-41

PART 1 - HEADQUARTERS

(AUG 91)

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 16-R-0040 CUSTOMER NO. 10301

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

NORTHWESTERN C T COMMUNITY COLLEGE PARK PLACE EAST WINSTED, CT 06098 (860) 738-6483

	(000) 700 0400
3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, sheets if necessary.) Northwestern CT Community College	testing, teaching, or experimentation, or held for these purposes. Attach additional
→ACILITY LÓCA	(TIONS(skes) Winsted CT 06098
See Attached Listing (-See above -)	,

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attactied to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	_		~	_	
5. Cats		3	-	-	3
6. Guinea Pigs	-	ス		_	2
7. Hamsters	-				_
8. Rabbits	-	`	i	_	١
9. Non-Human Primates	<u> </u>			_	
10. Sheep		_		-	
11. Pigs					
12. Other Farm Animals	_				
13. Other Animals				-	
•					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

aspects of animal care and use.			
	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL		
	(Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)		
	r certify that the above is true, correct, and complete (7 0.3.0. Section 2143)	nt)	DATE SIGNED
			11-19-01
		DART 1	HEADOLIABTERS

APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

16-R-0040

Customer Number:

10301

Facility:

NORTHWESTERN C T COMMUNITY COLLEGE

PARK PLACE EAST WINSTED, CT 06098 (860) 738-6483

NORTHWESTERN CT COMMUNITY COLLEGE PARK PLACE EAST WINSTED, CT 06098 UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ار

1. REGISTRATION NO. 16R-041

#14771

FORM APPROVED OMB NO. 0579-0036

slered with USDA

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT) FarmTech 400 Farmington Ave Farmington, CT 06032

Farmington, CT 060

2. HE/

inch

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

400 Farmington Ave. Farmington CT 06032

FACILITY LOCATIONS (Siles)

Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted invulving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs		0	0	0	0
5. Cats	Ŏ	0	ů O	0	0
6. Guinea Pigs	0	0	ů O	0	0
7. Hamsters	0	0	ő	0	- 0
8. Rabbits	0	0	0	0	٥.
9. Non-human Primates	0	52	0	0	52
10. Sheep	0	0	0	0	0
11. Pigs	0	Ô	0	0	0
12. Other Farm Animals	0	0 .	.0	. 0	0
13. Other Animals	0	0	0	0	0

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)
Legitify that the above is true, correct, and complete (7 U.S.C. Section 2143).

DATE SIGNED

12/3/01

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See reverse side for additional information

Interapency Reson Correct No. 0190-DGA-AN

LINITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

REGISTRATION NO. 16-R-0001

CUSTOMER NO 48

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with LSCA

FORM APPROVED OMB NO 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT) 12-03-2001 RCVD

YALE UNIVERSITY P.O. BOX 208003 NEW HAVEN, CT 06520

	(203) 785-2525	
 REPORTING FACILITY (List all locations where animals were noused or used in actual research sheets if necessary) 	testing, teaching, or experimentation, or need for these divisoses. Attach additional	
FACILITY LOCA	TIONS(steet)	
See Attached Listing		

A. Animals Covered By The Animal Werfare Regulations	B. Number of animals being bred, condisoned or held for use in teaching, texting, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which leading, research, experiments, or tests were conducted involving no gain, distress, or use of pain- relieving drugs.	Number of animals upon which experiments, reaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analysis contranguishing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anestheric analysisc, or transputcing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be affected to this report).	F. TOTAL NO OF ANIMALS (Cols. C • D • E)
4. Dogs	4	0	25		25
5. Cats	9	0	28		28
6. Guinea Pigs	13	217	335		552
7. Hamsters	0	2	545		547
8. Rabbis	10	251	644	64	959
9. Non-Human Primates	95	47	49	1	97
10. S>eep	0	3	0		3
11. Pigs	4	10	58		68
12. Other Farm Animals					
13. Other Animals					
Chipmunk	0	0	16		16
Ferret	1	155	60		215
Peromyscus	40	0	391		391

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analigesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations to specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addings to identifying the IACUC-approved exceptions, this summary includes a binef exceptions of the exceptions, as well as the species and number of animals affected
- 4) The attending veterinary for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to overtice the adequacy of other

	(Chief Executi	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)				
SIG	AL OFFICIAL	TNAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	11/3 of 01			
APHIS FORM 7023	(Replaces VS FORM 18-23 (Oct 8	5), w	DQUARTERS			

(AUG 91)

Environmental Enhancement to Promote Psychological Well-being

Three Chlorocebus aethiops underwent multiple surgeries to assess central nervous system therapeutics. These animals were individually housed and isolated from other nonhuman primates during a portion of the studies to prevent potential occupational health and animal health exposures inherent to the therapeutics used. Environmental enrichment was enhanced to compensate for the lack of audio or visual contact with other animals. Animals were monitored daily by the investigator(s) and the veterinary staff for pain, discomfort, distress, and for overall body condition. No complications were detected.

Feeding

Fifteen Macaca mulatta underwent food regulation to facilitate training to learn and/or perform complex tasks. Animals were given a reduced daily ration of monkey chow supplemented by rewards earned during testing. Animals were monitored, by the investigator(s) and the veterinary staff, daily for health status, growth rate, and hydration and weighed weekly. Animals were returned to full feed when not on study.

Watering

One Macaca fascicularis, five Macaca nemestrina, one Saimiri sciureus and seven Macaca mulatta underwent water regulation to facilitate training to learn and perform complex tasks. Water regulation has been used as a principal reinforcement for learning and memory research in primates by many laboratories. Fluid intake is sufficient to maintain the animals' health and well being. It is accomplished by 1) permitting the animal to earn fluids to satiety each day during behavioral training and testing, 2) providing ad libitum chow and treats, 3) returning the animal to ad libitum fluids when not on study, and 4) daily monitoring health status and adequate hydration by both investigator and veterinary staffs.

Multiple Major Survival Surgery

Three <u>Chlorocebus aethiops</u> underwent an initial major surgery followed by a scientifically justified related surgery to assess novel central nervous systems therapies. Animals were monitored daily for pain, discomfort, distress, and overall body condition by the veterinary and investigator staffs.

Three timed-pregnant Macaca mulatta underwent hysterotomies (multiple) in accordance with approval granted by the USDA on December 29, 1994. A copy of the USDA's approval is attached.

One Saimiri sciureus, two Macaca mulatta and five Macaca fascicularis underwent multiple surgeries. Animals underwent one to four survival surgeries and one non-survival surgery. Animals were rested at least five days between surgeries. Multiple surgeries were required to facilitate adequate data collection from each animal. Animals were monitored daily for pain, discomfort, distress, and overall body condition by the veterinary and investigator staffs. No adverse complications were detected.

Category E

Post-procedural Pain and Distress

Sixty-four rabbits were listed in category E due to distress associated with acclimation to restraint boxes used for behavioral response measurements. Animals were monitored for pain, discomfort, distress, and overall body condition by the investigator staffs during restraint. To minimize distress associated with acclimation to restraint boxes, twenty-four additional rabbits used in this procedure were given tranquilizers therapeutically. All animals used in future studies will undergo this modified acclimation procedure to further minimize distress.

One Macaca fascicularis was listed in Category E due to distress associated with an unexpected decline in health. The veterinary and research staff communicated and agreed upon the appropriate intervention to address the animal's condition. While these preparations were underway, the animal's condition deteriorated and it was euthanized. Thus, treatment was not administered during a three-hour period prior to euthanizing the animal. In response to this, a subsequent meeting was held among the research staff, the veterinarians, and the regulatory office to refine the emergency response plan to ensure communication, response time, medical management, including distress management, are optimal.

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150

See reverse side for additional information Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 16-R-0008

CUSTOMER NO. 52

FORM APPROVED OMB NO 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

12-10-2001 RCVD

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USCA) include Zip Code! UNIVERSITY OF CONNECTICUT

352 MANSFIELD ROAD UNIT 2086 STORRS, CT 06269 (203) 486-3337

1. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites)

See Attached Listing

A. Anymals Covered By The Animal Welfare Regulations	8. Number of animals being breid, conditioned, or held for use in feaching, festing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, expeniments, or lests were conducted involving no pain, distress, or use of pain-releving drugs.	D. Number of animats upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (Cob. C+ D+E)
4. Dogs	0	0	0	0	0
5. Cats	38	14	25	0	39
6. Guinea Pigs	0	249	2	0	251
7. Hamsters	0	0	0	0	0
8. Rabbits	0	136	10	5	151
9. Non-Human Primates	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	31	109	0	0	109
12. Other Farm Animals		-	-	-	_
Dairy Cattle	0	8	0	0	0
13. Other Animals					***
Mole Rats	385	192	0	0	192
Opossums :	10	0	0	0	0
Deer Mice	53	0	0	0	0

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report, in addition to identifying the IACUC-approved exceptions, this summary includes a biref explanation of the exceptions, as well as the species and number of animals affected
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	Chief Executive	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGN	. OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED				
			11-30-01				
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ORM 18-23 (Oct 88), which is obsolete

PART 1 - HEADQUARTERS

APHIS (AI, November 27, 2001

University of Connecticut (UConn)
Storrs and Regional Campuses excluding the Health Center (UCHC)
USDA Registration No. 16-R-0008
Annual Report
October 1, 2000 - September 30, 2001

Exemption from AWA Standards

None

Column E Explanation

5 Rabbits

As noted on USDA Inspection Report on 9/11/01:

Sections 2.31(d)(1)(ii) and 2.31 (e)(3) IACUC: 4 rabbits used under protocol D8500702 were bled under general anesthesia. These rabbits were noted with injection site lesions. This protocol needs to be reviewed for alternatives, personnel qualifications and the use of analgesics if anesthesia is to continue to result in lesions.

On the same protocol, another rabbit was euthanized on 8/13/01 due to skin lesions.

For antibody production, these rabbits are immunized with 1 ml mixtures with complete and incomplete Freund's adjuvant injected subcutaneously 0.25 ml/site. Complete Freund's adjuvant is considered by some to cause chronic inflammation with pain, heat, and swelling at the injection site. The inflammation is associated with antibody production. Anti-inflammatory drugs would interfere with antibody production.

Analgesics are recommended and a new Standard Operating Procedure has been established by UConn IACUC for the use of Freund's adjuvant.

See reverse side for additional information

Interagency Report Control No 0180-DOA-AN Z C

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

. REGISTRATION NO. 16-R-0029 USTOMER NO. 55

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT) 301 RCVD

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA. include Zip Code)

BOEHRINGER INGELHEIM PHARMACEUTICALS, INC. 900 RIDGEBURY ROAD P.O. BOX 368

RIDGEFIELD, CT 06877 (203) 798-9988

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing

175 Briar Ridge Road, Ridgefield, CT 06877

Bartons West End Farms, Inc. Oxford, NJ

B. Number of animals being bred. conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	G. Number of animals upon which teaching, research, experiments, or tests were conducted involvir, no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, leaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C+ D+E)
51	68	28	181	277
			268	268
			49	49
67	**	10	262	272
				· · · · · · · · · · · · · · · · · · ·
		·		
				·
	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes. 51 68	animals being bred. conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes. 51 68 animals upon which teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analtgeste, or tranquilizing drugs were used. 528	animals being bred. conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes. 51 animals upon which teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs were used. 528 animals upon which teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used. 51 68 28 181 268

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CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
5	51AL 11/21/01	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED		
	11/21/8()				

APHIS FORM 7023 (AUG 91) (Replaces VS FORM 18-23 (Oct 88), which is obsolete

PART 1 - HEADQUARTERS



E4 16-R-0029

The 181 dogs assigned to column E of this report were included in toxicology or safety assessment procedures in which, to meet Food and Drug Administration requirements under Good Laboratory Practice regulations (21 CFR 58.120, 43 CFR 60013) a limited number of animals must be exposed to test compound dose levels toxic to the animal. Clinical signs produced by some test compounds at toxic dose levels may be distressful or painful to the animal, if only transiently. To intercede prematurely would invalidate the procedure, requiring its repetition and the consequent use of more animals.

E6

16-R-0029

The 268 guinea pigs assigned to column E of this report were included in toxicology or safety assessment procedures in which, to meet Food and Drug Administration requirements under Good Laboratory Practice regulations (21 CFR 58.120, 43 CFR 60013) positive control animals must be sensitized, then challenged by intradermal injection resulting in a transient inflammatory response, which may be distressful or painful to the animals albeit for a strictly limited period. To intercede prematurely would invalidate the procedure, requiring its repetition and the consequent use of more animals.

E8 16-R-0029

The 49 rabbits assigned to column E of this report were used for hyperimmunization procedures in which adjuvant associated with the antigen of interest produced localized discomfort typical of a subacute inflammatory reaction. The lesions were treated topically to minimize discomfort, and in all cases the least irritating adjuvant was employed that would not have necessitated the use of additional animals. The use of systemic anti-inflammatory drugs would have been counter productive to the objective of antibody production and necessitated the use of more animals.

E9 16-R-0029

Primates assigned to column E of this report were used in various toxicology/safety assessment procedures, pharmacologic studies of the inflammatory response or evaluation of the immunomodulatory effects of test compounds.

89 primates (cynomolgus macaques and squirrel monkeys) were employed as models for immune mechanisms or of inflammation when other species (rodents, swine) proved inappropriate. The animals were studied during the early stages of the syndrome before clinical signs become severe. Discomfort is attenuated through the use of analgesic drugs but, because an inflammatory condition is induced and clinical signs may appear, it is anticipated that the monkeys may potentially experience the discomfort which human beings feel during the analogous condition.

173 primates (rhesus macaques) were included in toxicology or safety assessment procedures in which, to meet Food and Drug Administration requirements under Good Laboratory Practice regulations (21 CFR 58.120, 43 CFR 60013) a limited number of animals must be exposed to test compound at dose levels toxic to the animal. Clinical signs produced by some test compounds at toxic levels may be distressful or painful to the animal, if only transiently. To intercede prematurely would invalidate the procedure under the cited regulations, requiring repetition of the study and the consequent use of more animals.